

**To:** Garvin, Shawn[garvin.shawn@epa.gov]  
**Cc:** Rodrigues, Cecil[rodrigues.cecil@epa.gov]; Ham, Greg[Ham.Greg@epa.gov]; Searfoss, Renee[searfoss.renee@epa.gov]; Capacasa, Jon[Capacasa.jon@epa.gov]; Meadows, Anthony[Meadows.Anthony@epa.gov]; Moran, Kelly[Moran.Kelly@epa.gov]; Wisniewski, Patti-Kay[Wisniewski.Patti-Kay@epa.gov]  
**From:** rogers, rick  
**Sent:** Sat 6/13/2015 4:30:07 PM  
**Subject:** Re: Additional Info: Miller Chemicals and Susquehanna water intakes

Wrightsville, PA closed their intake this morning and they requesting customers to cut back on usage. Still waiting to here from PADEP as to whether it was a precaution or they detected anything. As soon as I hear anything else, I will let you know.

Sent from my mobile device.

On Jun 12, 2015, at 11:01 PM, Garvin, Shawn <garvin.shawn@epa.gov> wrote:

Rick - Thanks, this is helpful

Shawn

Sent from my iPhone

On Jun 12, 2015, at 10:58 PM, rogers, rick <rogers.rick@epa.gov> wrote:

Maryland Dept of the Environment Water Supply Program has been given a heads up regarding this event.

I am still waiting to hear back from PADEP on any estimates as to when the New Oxford Municipal Authority can re-open their intake.

There are other intakes on the Susquehanna Downstream of the confluence with the Conewago Creek according to our data in the Safe Drinking Water Information System (SDWIS). The most immediate are on the Lancaster County Side (eastern shore) and include City of Lancaster and the town of Columbia (directly across the River from Wrightsville) and the Safe Harbor Power Company. On the York County Side, Wrightsville appears to be the only intake until the Peach Bottom Nuclear Plant near the MD Border.

In Maryland, there are intakes listed on the Susquehanna. They are: Town of Port Deposit, Conowingo Hydro Electric Station, and the towns of Perryville and Havre de Grace.

PADEP has not mentioned Columbia or Lancaster as concerns, probably because it would be unlikely for any contamination to make it across to the other side of the River. Plus Lancaster has another source (Conestoga Creek).

Here is a table with estimated River miles stream of the confluence of the Conewago Creek and the Susquehanna. There are three dam structures between Wrightsville and Port Deposit, each with upstream pooling and sluice ways that will create more mixing and dilution.

Water System Name	River Miles Downstream of Conewago Creek Confluence	East (E) or West (W) Shore
Wrightsville, PA	11	W
Columbia, PA	11	E
City of Lancaster, PA	15 rough est.	E
Peach Bottom Nuclear Plant, PA	34	W
Conowingo Hydro Station, MD	44	W
Port Deposit, MD	49	E
Havre de Grace, MD	53	W
Perryville, MD	53	E

Let me know if you have any questions.

Rick

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